Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 10 Mar 2023 until 23:59 on Saturday 11 Mar 2023

Forecast Issued on Thursday 09 Mar 2023 at 15:06

Confidence: High becoming Medium in details from Sunday.

Headline for Friday 10 Mar 2023: A lovely cold and bright day after overnight snow. Winds easing. Winter hazards.

Mountain weather hazards on Friday 10 Mar 2023

Blizzards
Low Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Light snow	Sunny intervals	Sunny	Clear night	Clear night
Precipitation probability							
70%	60%	50%	40%	30%	20%	10%	<05%

Forecast for Friday 10 Mar 2023

Weather: Snow overnight, heavy at times with blizzards, drifting and whiteout conditions, although turning more showery by dawn. The snow showers becoming well scattered during the morning, with bright and sunny spells developing. Mainly dry with bright, sunny or clear spells during the afternoon and evening, although isolated light snow showers still possible.

Chance of cloud-free hill tops above 600m: Nil to 20% overnight rising to 90% during daylight hours and the evening.

Low Cloud and visibility: Extensive, base 600m or less, overnight, soon lifting and breaking above the tops during daylight hours. Visibility often poor or very poor overnight, becoming mostly very good or excellent during daylight hours and though the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 10 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/44 NE	25/36 NE	21/30 NE	13/19 N	12/17 N	8/12 N	6/10 NW	7/10 SW	7/9 SW
300	22/46 NE	17/36 NE	13/28 NE	9/18 N	9/18 N	6/13 N	4/8 NW	3/7 SW	2/6 W
Valley	18/39 NE	15/34 NE	11/25 NE	8/17 N	9/18 N	8/17 N	4/10 NW	3/5 W	2/4 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-12	-3/-12	-3/-11	-3/-9	-2/-7	-1/-5	-3/-7	-4/-8	-5/-9
300	-1/-8	-1/-8	-1/-7	-0/-5	1/-3	2/-1	-2/-4	-4/-7	-5/-8
Valley	1/-5	0/-5	0/-4	1/-2	4/1	5/2	1/-1	-1/-3	-2/-4
Freezing Level*	100m	00m	100m	100m	100m	200m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun glare possible off the snowpack along with ice. Some limited thaw from mid-morning to mid-afternoon then refreezing. Freezing level around 600m early afternoon. Strenuous walking in deep snow.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 09 Mar 2023	2.6mm	2.6mm	3mm

Forecast for Saturday 11 Mar 2023

Weather: Clear and cold overnight with a moderate or severe frost, perhaps the odd freezing fog patch. Bright with some morning sunshine, but upper cloud increasing with outbreaks of snow possible from late afternoon. The snow becoming heavy at times in the evening with blizzard and whiteout conditions at height, although it could well turning much milder by midnight with snow giving way to heavy rain.

Maximum wind: South or Southeast 15mph around the middle of the day, increasing 30 gusting 40mph later

Chance of cloud-free hill tops above 600m: 90% or more, lowering 20% in the evening.

Low Cloud and visibility: No significant cloud at first, becoming extensive, base 600m or less, in the evening. Visibility very good falling poor or very poor at times in the evening.

Temperature:
Valleys: Minus 8 Celsius rising to plus 3 Celsius
At 600m: Minus 2 to Minus 6 Celsius, rising to around Plus 3 Celsius very late in the day.
Freezing level: All levels, rising to around 600m early afternoon, lowering to most levels early evening, but rising above the summits by midnight.

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